SIMPLEX FORM

Object Column	Variable Column	Constant Column	Body		Identity		Check Column	
			(Body)		(Identity)		(Check Column)	
			11	4	0	0	0	OBJECTIVE ROW
			X	Y	W₁	W₂		VARIABLE ROW
0	W₁	84	7	6	1	0	98	KEY ROW
0	W₂	32	4	2	0	1	39	KEY ROW
4	Y		-11	-4	0	0	-15	INDEX ROW
0	W₁	28	0	5/2	1	-7/4	14	MAIN ROW
11	X	8	1	1/2	0	1/4	39/4	MAIN ROW
		88	0	3/2	0	11/4	369/4	INDEX ROW

X = number of A's

Y = number of B's

OPERATION I

$7x + 6y \leq 84$

OPERATION II

$4x + 2y \leq 32$

$W_1 = \dfrac{84}{7} = 12$

$W_2 = \dfrac{32}{4} = 8$

PROCESS I 84

PROCESS II 32